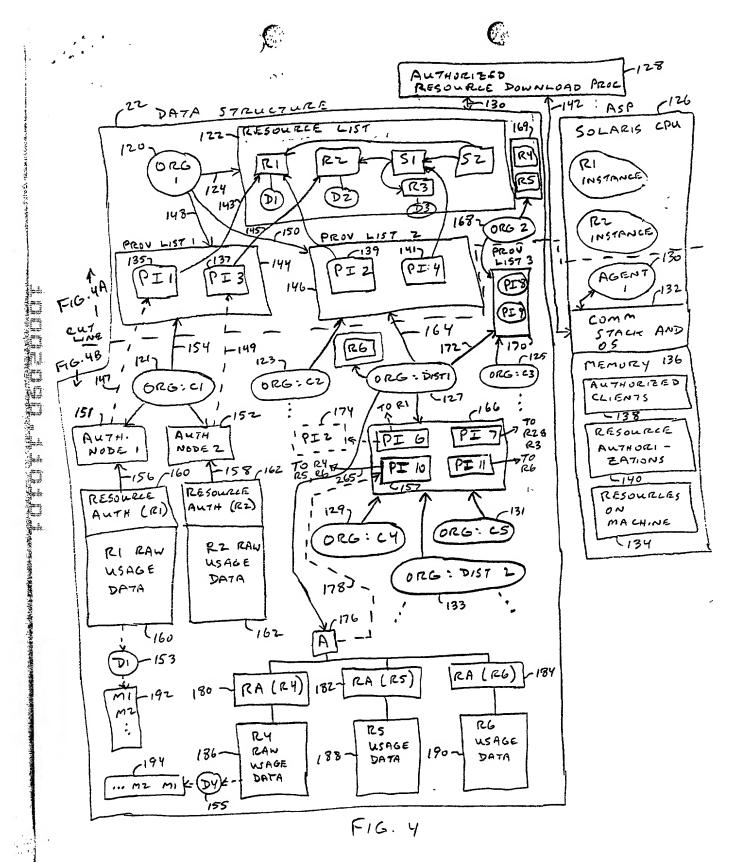


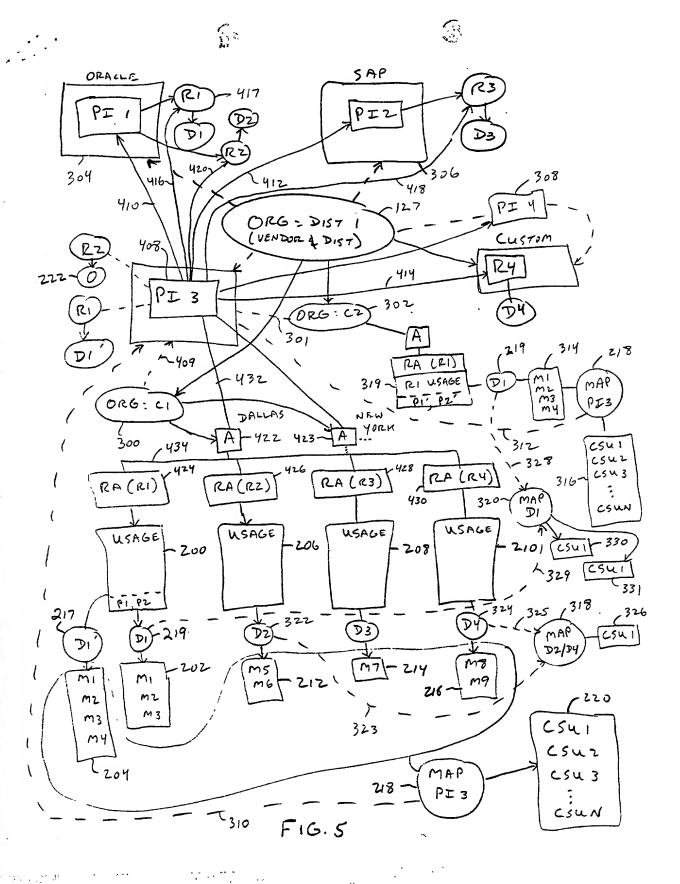
F16. 1

**(**:

	* * *
CLIENT	•
PROG-INST "RI"	· 100
106 START _ TIME DOC _ OPEN DOC _ CLOSED: 10 PAGES STOP _ TIME	(
. START - TIME . DOC _ OPEN . DOC _ CLOSED: 30 PAGES . DWGS MADE: 3 . STOP _ TIME	DISTILLATION 104  MI MZ M3  102  CPU #DUGS #PAGES  TIME
	•
CLIENT 2	(
PROG - INST "RZ"	•
\[ \tau \cdot \cdo	•
110	DISTILLATION
	7 [M4 [M5]
112	QUERIES STOCK QUOTES
114-	SERVICED TRANSMITTED
<u> </u>	

F16.3





### OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING

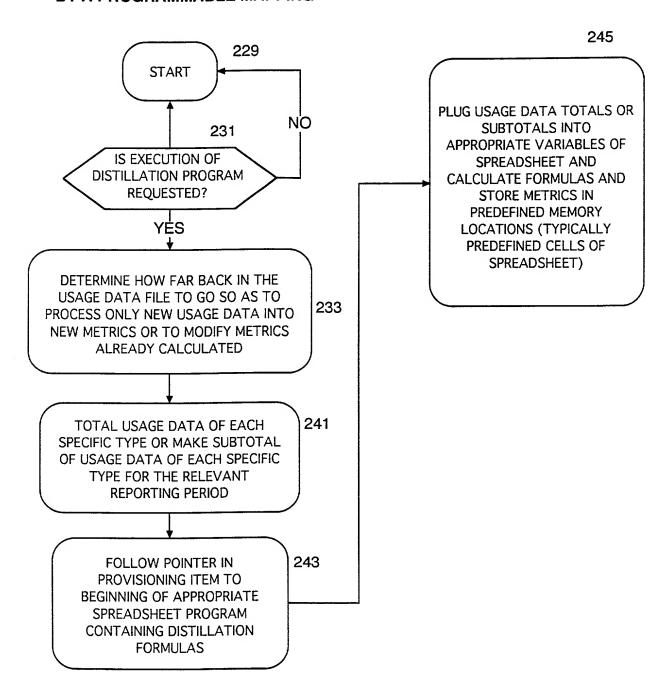


FIG. 6A

#### OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

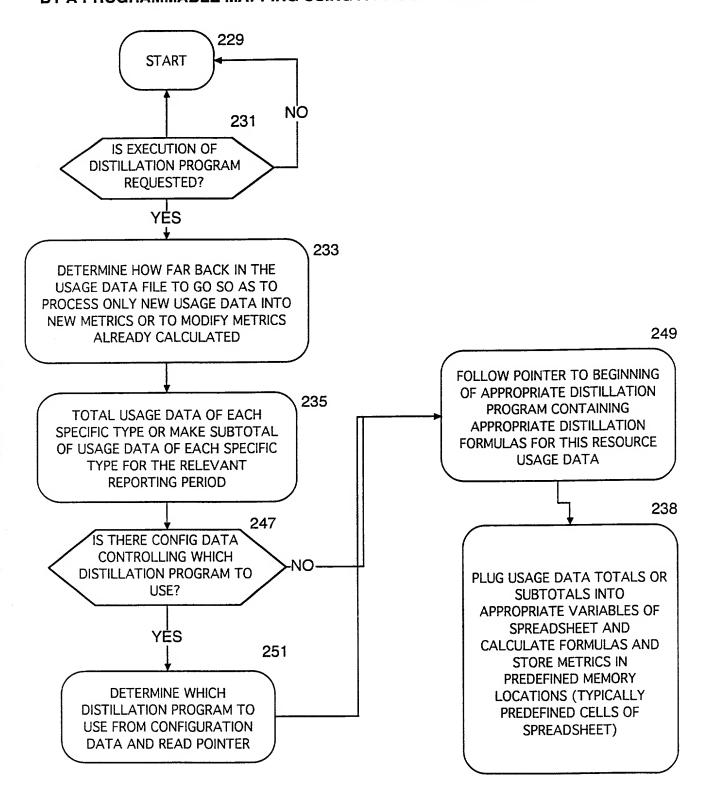
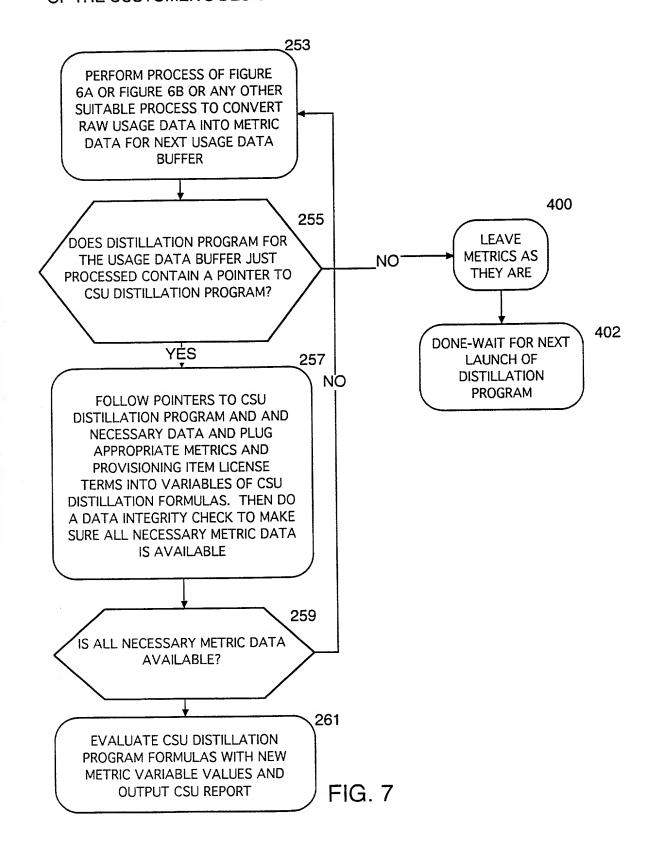
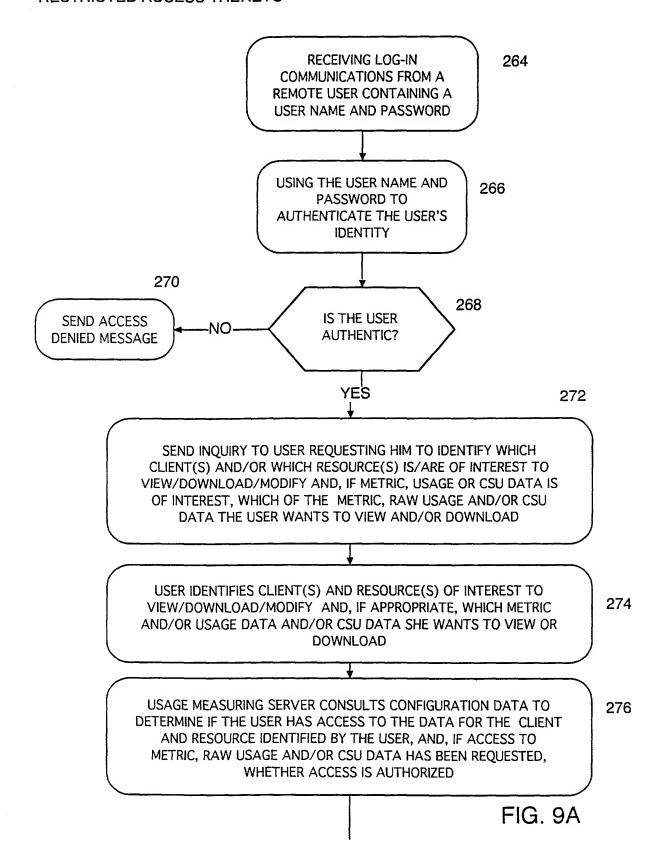


FIG. 6B

# PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS OF THE CUSTOMER'S DESIGN



### PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND ALLOW RESTRICTED ACCESS THERETO



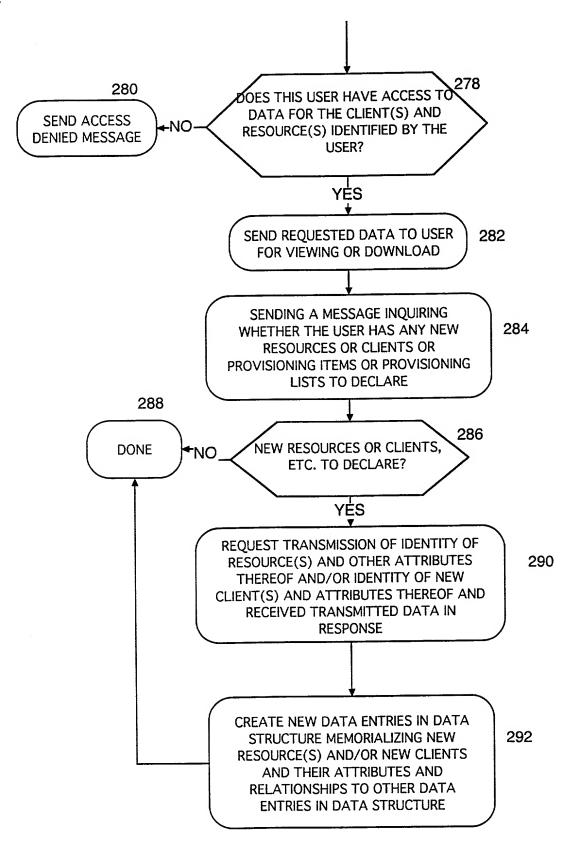
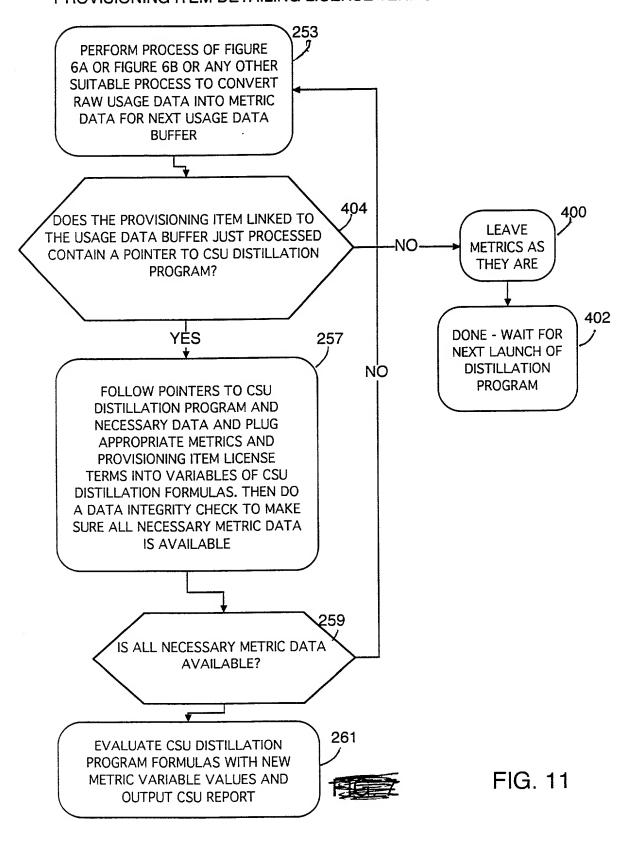


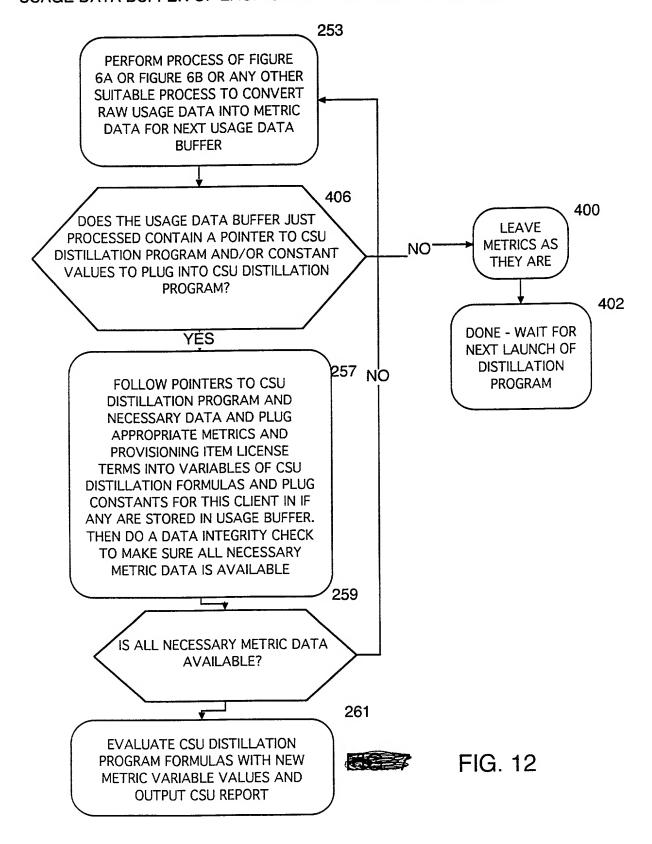
FIG. 9B

F16.10

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS



ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS



## PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

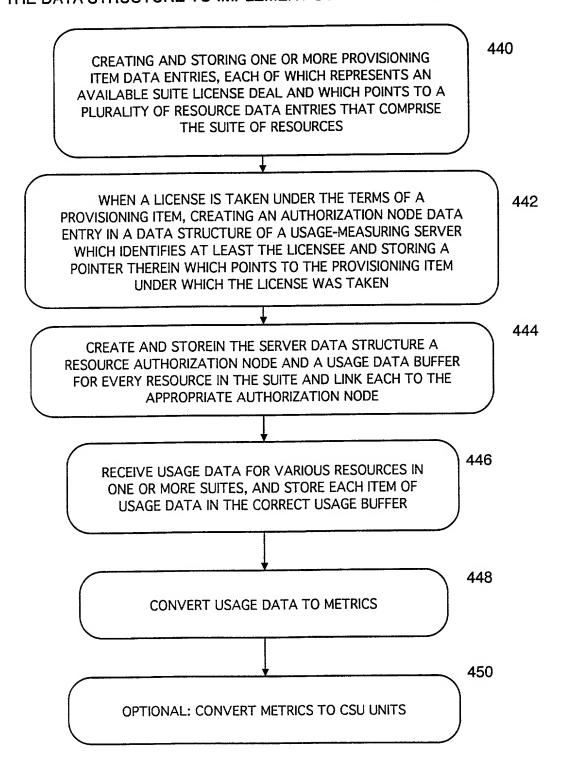
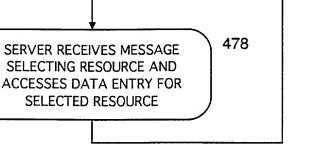


FIG. 13

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS ON A PARTICULAR RESOURCE 480 470 SERVER FOLLOWS POINTERS CUSTOMER LOGS IN AND PROVIDES **AUTHENTICATION USER NAME AND** FROM SELECTED RESOURCE **PASSWORD** DATA ENTRY TO ALL PROVISIONING ITEMS THAT POINT TO SAID RESOURCE DATA ENTRY AND WHICH 472 RECORD AN AVAILABLE **USAGE MEASURING SERVER** LICENSE FROM A VENDOR OR AUTHENTICATES USER AND DISTRIBUTOR OF THAT TRANSMITS DATA TO USER RESOURCE PROVIDING A WEB INTERFACE WHICH ALLOWS USER TO SELECT A LINK OR ISSUE A COMMAND TO 482 SHOP ALL AVAILABLE DEALS SERVER ACCESSES LICENSING TERM DATA IN EACH PROVISIONING ITEM AND SENDS MESSAGE(S) TO USAGE MEASURING SERVER 474 CLIENT LISTING EACH TRANSMITS DATA TO DISPLAY A AVAILABLE LICENSE AND ITS LIST OF ALL RESOURCES AVAILABLE **TERMS** FOR LICENSING 484 476 USER PICKS A RESOURCE TO CLIENT SELECTS A LICENSE SHOP AND CLICKS ON IT OR AND SENDS A MESSAGE BACK OTHERWISE SENDS A MESSAGE TO INDICATE SELECTION 486 **OPTIONAL: SERVER RECEIVES** 



MESSAGE AND
AUTOMATICALLY ESTALISHES
AN AUTHORIZATION NODE FOR
THAT CLIENT LINKED TO THE
PROVISIONING ITEM FOR THE
SELECTED LICENSE DEAL AND
AUTOMATICALLY CREATES A
RESOURCES AUTHORIZATION
NODE AND USAGE DATA
BUFFER FOR EACH RESOURCE
LICENSED UNDER THE
PROVISIONING ITEM486

FIG. 14

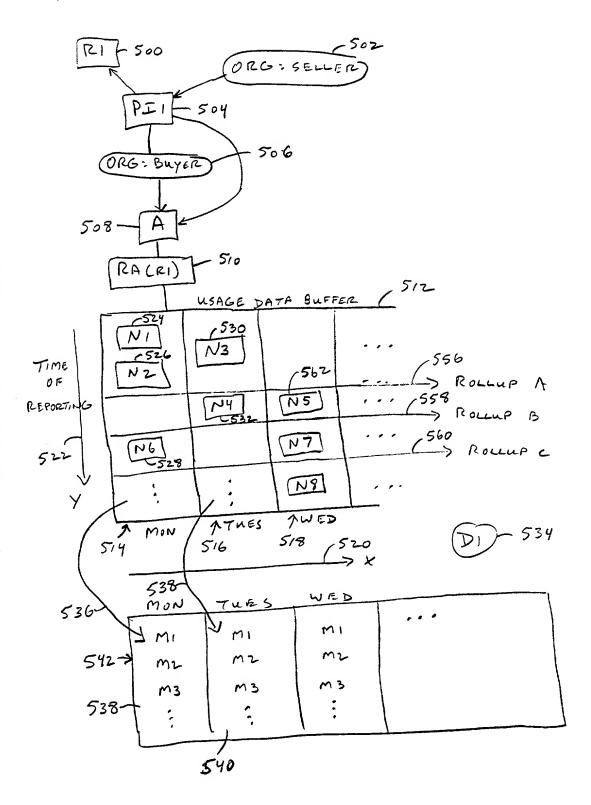


FIG. 15

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### PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS AND GENERATE METRICS THEREFROM

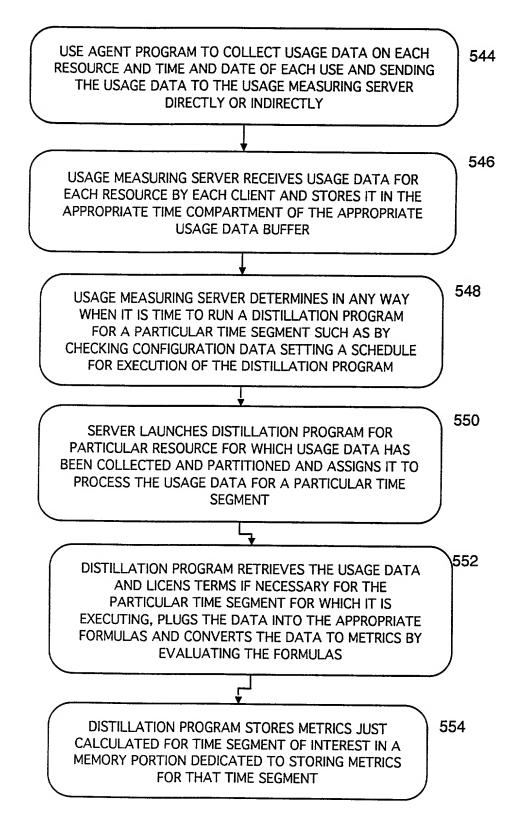


FIG. 16

	MON	ROLLU TUES	PA I WED	T 39
MI =	10	1	Ø	[· · ·
MZ= Docs	500	50	0	
M3=	759	ור	0	. , .
~ [	,	,	1	

F16-17

ALTERNATIVE ROLLUP B ID 40			
MON	TUES	WED	
0	3	2	
0	70	40	
0	139	96	
	1		

F16.18

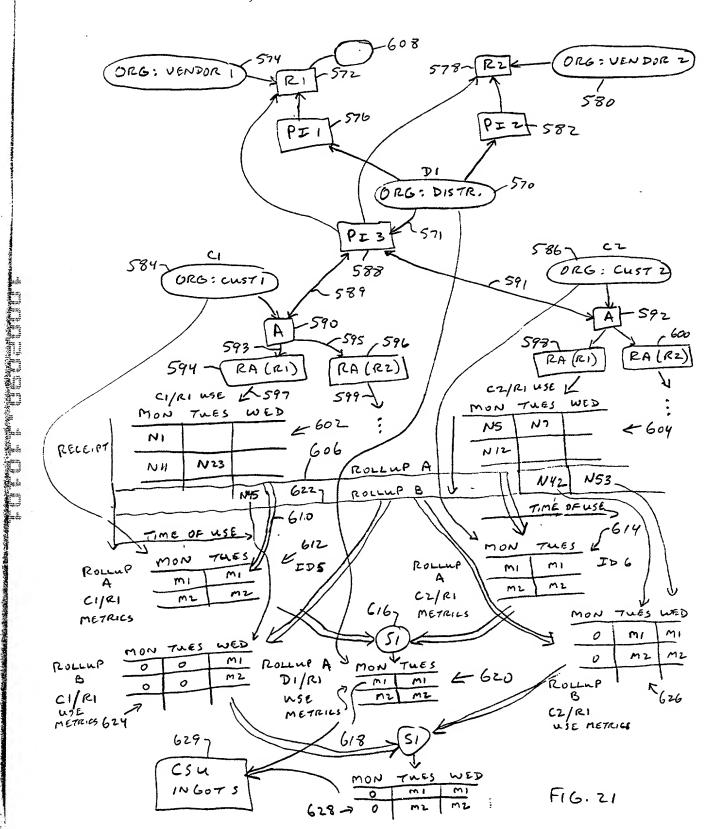
PREFERED	Qui u.P	R	TD 50
YRE FERRED	100 LLUP	4	Lソフロ

MON	TUES	MED	
10	4	2	
500	120	40	
759	210	96	

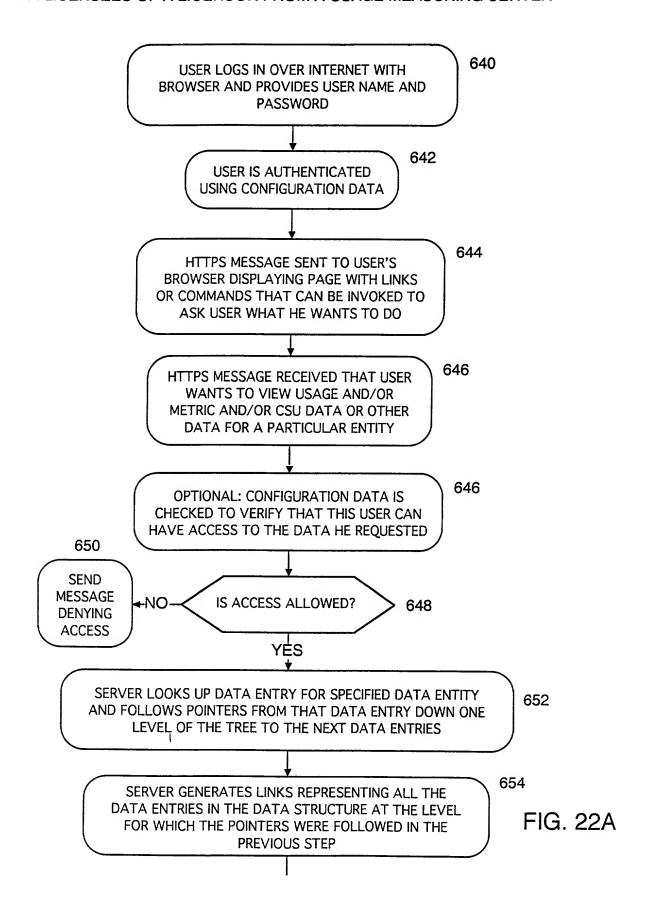
FIG. 19

ROI	LUP B TUES	ID 40 WED
b	4	2
0	120	40
0	210	96
	1	1

F16.20



### PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER



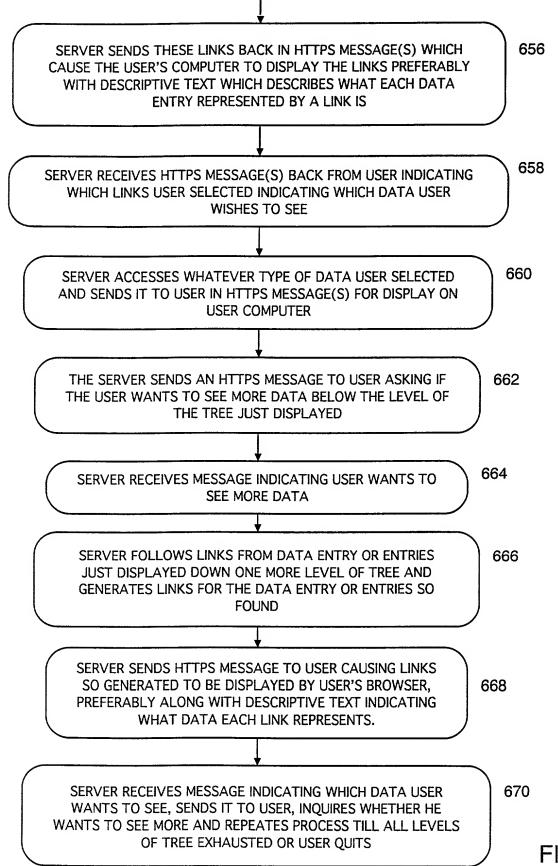
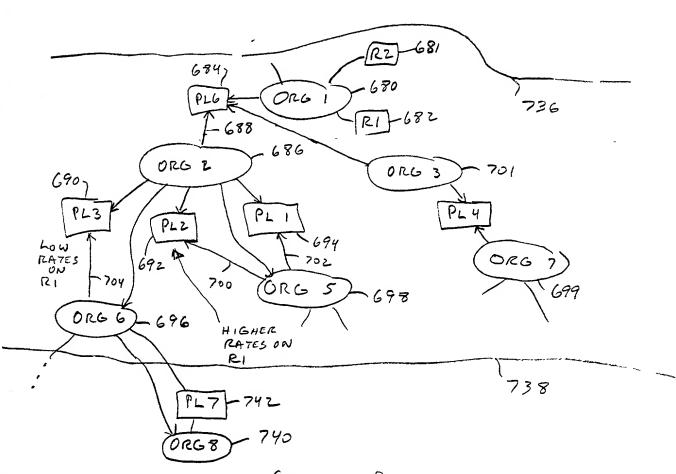
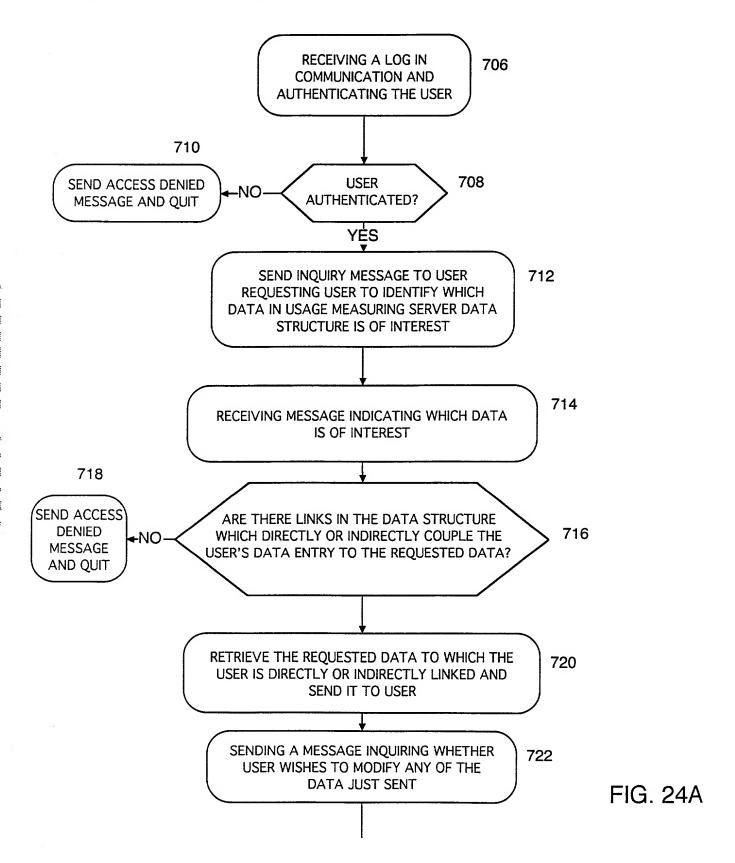


FIG. 22B



SECURITY BARRIERS FIG. 23

A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER IS NOT AUTHORIZED TO VIEW



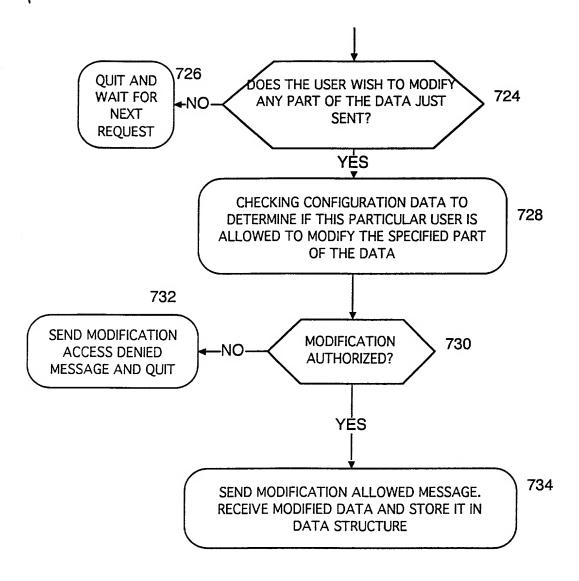
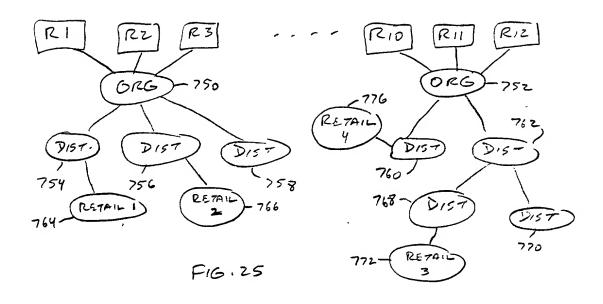
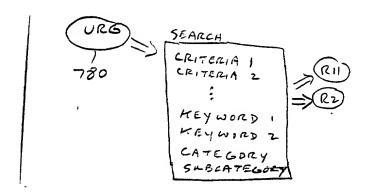
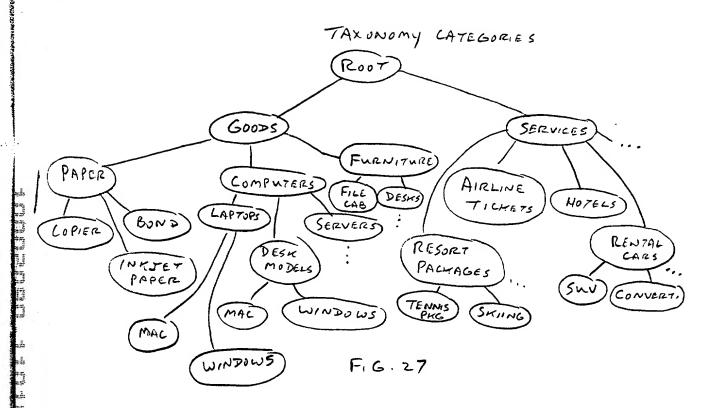


FIG. 24B





F16.26



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### SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

